

**Riverview Psychiatric Center
Kennebec County
Augusta, Maine
A-847-71-B-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. Riverview Psychiatric Center (RPC) of Augusta, Maine was issued Air Emission License A-23-71-G-A on May 28, 2002, permitting the operation of emission sources associated with their mental health facility. This equipment was subsequently moved to a separate license in Air Emission License A-847-71-A-M (January 6, 2003).
2. RPC has requested a minor revision to their license in order to fire 7,000 gallons of out-of-spec fuel in their boilers.
3. This minor revision also addresses a typographical error found in Air Emission License A-847-71-A-M, Condition (17)(B).

B. Revision Description

1. Air Emission License A-847-71-A-M requires RPC to fire only diesel fuel with a sulfur content not to exceed 0.05% sulfur by weight in the facility's boilers and generator. During construction, RPC took delivery of their first load of fuel oil. Instead of the required low-sulfur fuel, RPC took delivery of 7,000 gallons of #2 fuel oil.

RPC has requested a minor revision from the Department in order to allow the firing of the 7,000 gallons of higher sulfur content fuel. RPC has not been able to produce a fuel slip or certification from the distributor indicating the actual sulfur content of the fuel delivered. Since no actual sulfur content has been submitted with the application, the sulfur content of the out-of-spec fuel is assumed to be 0.5%. This is the highest sulfur content that still complies with ASTM standards for #2 fuel oil.

The firing of 7,000 gallons of 0.5% sulfur fuel will increase emissions of SO₂ by 0.2 tons. All subsequent deliveries of fuel for the boilers are required to meet the 0.05% by weight sulfur limit.

This amendment does not release RPC from any New Source Performance Standards (NSPS) including the requirement to perform and submit an initial performance test for Boilers #1 and #2 which includes a supplier certification which shows the sulfur content of the fuel fired in the boilers.

2. There is a typographical error in Condition (17)(B) of Air Emission License A-847-71-A-M. This condition refers to Boilers #4 and #5. The boilers in question should be listed as Boilers #1 and #2.

C. Application Classification

This amendment will increase emissions by less than 4 ton/year for each single pollutant and less than 8 ton/year for all pollutants combined. Therefore, this modification is determined to be a minor revision and has been processed as such.

ORDER

The Department hereby grants Air Emission License Minor Revision A-847-71-B-M, subject to the conditions found in Air Emission License A-847-71-A-M and in addition to the following conditions:

The following shall replace Condition (17)(B) of Air Emission License A-847-71-A-M:

- B. RPC shall perform and submit to EPA and the Department an initial performance test within 30 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after the initial start-up of the facility. The performance test shall consist of fuel supplier certification of the sulfur content of the fuel fired in Boilers #1 and #2. The fuel supplier certification must contain the name of the oil supplier and a statement from the oil supplier that the oil complies with ASTM specifications for #2 fuel oil.

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The following are new Conditions:

- (23) RPC may fire up to 7,000 gallons of #2 fuel with a sulfur content not to exceed 0.5% by weight. This Condition applies only to fuel already on-site as of the date of this amendment. Any and all subsequent fuel purchased for firing in RPC's boilers and generator shall be diesel fuel with a sulfur content not to exceed 0.05% by weight.
- (24) This amendment shall expire concurrently with Air Emission License A-847-71-A-M.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 6/20/03

Date of application acceptance: 7/10/03

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.